

In the claims:

1. (Currently Amended)) A CDMA (Code Division Multiple Access) mobile communication system comprising a base station and a mobile station connected to said base station by radio through reverse-link and forward-link control channels,

said base station comprising:

monitor means for monitoring a forward-link transmission power value radiated to said mobile station;

calculation means for, when the forward-link transmission power value becomes smaller than a predetermined steady output value, calculating system parameter information of said mobile station, which corresponds to a reduced ~~the reduced~~ forward-link transmission power value; and

notification means for notifying said mobile station of the system parameter information of said mobile station, which is output from said calculated means, and

said mobile station comprising:

transmission power control means for, when said mobile station in a standby state starts originating/terminating operation to/from said base station, controlling a transmission power value of the reverse-link control channel from said mobile station on the basis of a value obtained from a reception field strength value of the forward-link control channel from said base station and the system parameter information of said mobile station, which is transmitted from said base station.

2. (Original) A system according to claim 1, wherein the system parameter information of said mobile station is a transmission power initial constant value representing an absolute value of transmission power.

3. (Original) A system according to claim 1, wherein the system parameter information of said mobile station is a transmission power correction value representing a difference from a transmission power initial constant set in said base station.

4. (Original) A system according to claim 1, wherein
said base station comprises first storage means for storing the system
parameter information related to said base station and mobile station in advance, and
when said mobile station is in the standby state, said notification means
notifies said mobile station of the system parameter information related to said mobile station,
which is stored in said first storage means.

5. (Original) A system according to claim 4, wherein said first storage means updates and
stores the system parameter information related to said mobile station, which is calculated by
said calculation means.

6. (Original) A system according to claim 4, wherein said mobile station comprises second
storage means for storing the system parameter information related to said mobile station,
which is transmitted from said base station.

7. (Original) A system according to claim 1, wherein said transmission power control
means determines transmission power TXm of the reverse-link control channel in accordance
with

$$TXm = -RXb + A$$

where -RXa is a variable value in inverse proportion to the reception field strength and A is a
transmission power initial constant value as the system parameter information of said mobile
station, which is transmitted from said base station.

8. (Original) A transmission power control method for a mobile communication system for executing radio communication between a mobile station and a base station using a CDMA (Code Division Multiple Access) scheme, comprising the steps of:

monitoring a forward-link transmission power value radiated to the mobile station;

when the forward-link transmission power value becomes smaller than a predetermined steady output value, calculating system parameter information of the mobile station, which corresponds to the reduced forward-link transmission power value; and

when the mobile station in a standby state starts originating/terminating operation to/from the base station, determining a transmission power value of the reverse-link control channel from the mobile station on the basis of a value obtained from a reception field strength value of a forward-link control channel from the base station and the calculated system parameter information of the mobile station.

9. (Original) A method according to claim 8, wherein the system parameter information of the mobile station is a transmission power initial constant value representing an absolute value of transmission power.

10. (Original) A method according to claim 8, wherein the system parameter information of the mobile station is a transmission power correction value representing a difference from a transmission power initial constant set in the base station.

11. (Currently Amended) A method according to claim 8, wherein the determining ~~determining~~-step comprises the step of determining transmission power TXm of the reverse-link control channel in accordance with

$$TXm = -RXb + A$$

where $-RX_a$ is a variable value in inverse proportion to the reception field strength and A is a transmission power initial constant value as the system parameter information of the mobile station, which is transmitted from the base station.

12. (New) A CDMA (Code Division Multiple Access) mobile communication system comprising a base station and a mobile station connected to said base station by radio through reverse-link and forward-link control channels,

said base station comprising:

a monitor for monitoring a forward-link transmission power value radiated to said mobile station;

a calculation device for, when the forward-link transmission power value becomes smaller than a predetermined steady output value, calculating system parameter information of said mobile station, which corresponds to a reduced forward-link transmission power value; and

a notification device for notifying said mobile station of the system parameter information of said mobile station, which is output from said calculation device, and

said mobile station comprising:

transmission power control device for, when said mobile station in a standby state starts originating/terminating operation to/from said base station, controlling a transmission power value of the reverse-link control channel from said mobile station on the basis of a value obtained from a reception field strength value of the forward-link control channel from said base station and the system parameter information of said mobile station, which is transmitted from said base station.

13 (New) A system according to claim 12, wherein the system parameter information of said mobile station comprises a transmission power initial constant value representing an absolute value of transmission power.

14. (New) A system according to claim 12, wherein the system parameter information of said mobile station comprises a transmission power correction value representing a difference from a transmission power initial constant set in said base station.

15. (New) A system according to claim 12, wherein
said base station comprises first storage device for storing the system
parameter information related to said base station and mobile station in advance, and
when said mobile station is in the standby state, said notification device
notifies said mobile station of the system parameter information related to said mobile station,
which is stored in said first storage device.

16. (New) A system according to claim 15, wherein said first storage device updates and stores the system parameter information related to said mobile station, which is calculated by said calculation device.

17. (New) A system according to claim 15, wherein said mobile station comprises second storage device for storing the system parameter information related to said mobile station, which is transmitted from said base station.

18. (New) A system according to claim 12, wherein said transmission power control device determines transmission power TXm of the reverse-link control channel in accordance with

$$TXm = -RXb + A$$

where RX_a is a variable value proportional to the reception field strength and A is a transmission power initial constant value as the system parameter information of said mobile station, which is transmitted from said base station.